



Construction Traffic Management Plan

Project:	1A Park Avenue - New Build
Site Address:	1A Park Avenue, Ramsbottom
Date:	21/06/2024



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Document Version

Date	Revision	Prepared By	Issued To	Comments
21/06/2024	1	G McDonald	Bury Highways	

Plan Development

This document must be read in conjunction with site-specific documentation and company procedures including, but not limited to, the health and safety policy, construction phase plan (where applicable), risk assessments, method statements and permits to work.

The purpose of this plan is to detail specific arrangements and responsibilities in place relating to site traffic management and to manage the risks associated with vehicular and pedestrian traffic on site.

This document will be displayed and made available to all persons working on / visiting sites under the control of the business.

Introduction

The Traffic Management Plan

The purpose of this construction traffic management plan is to organise site activities so that vehicle traffic and pedestrian traffic can be segregated to minimise the risk from vehicles, and so that traffic routes can be used safely.

On average, each year, about 7 workers die as a result of accidents involving vehicles or mobile machinery on construction sites. A further 93 are seriously injured. The risks from construction site traffic can be controlled through the organisation and management of traffic on site.

The term vehicle includes cars, vans, lorries, delivery vehicles, low-loaders and mobile plant such as excavators, lift trucks and site dumpers etc.

The term pedestrian includes operatives, workers, management, consultants, visitors and any other person accessing the site on foot.

This construction site traffic management plan outlines the management of the movements of vehicles and pedestrians on site and interaction with adjacent land use. It does not cover the present permanent traffic situation and conditions surrounding the site.

Key issues in dealing with traffic management on construction sites and that will be addressed within this traffic management plan are:

1. Pedestrian and vehicle separation
2. Minimising vehicle movements
3. People on site
4. Loading and storage areas
5. Turning vehicles
6. Visibility
7. Signs and instructions
8. Public protection

See site plan with reference to the following;

1. Access point for construction traffic from the adopted highway
2. Site hoardings (if proposed) clear of the adopted highway and the visibility splay
3. Parking on site (or on land under the applicant's control) of operatives' and construction vehicles together with storage on site of construction materials, including any requisite phasing of the development to accommodate this
4. Measures to ensure that all mud and other loose materials are not spread onto the adjacent adopted highways as a result of the groundworks operations or carried on the wheels and chassis of any vehicles leaving the site and measures to minimise dust

nuisance caused by the operations.

Aims and Objectives

The purpose and aims of this plan are:

1. To identify the traffic-related hazards and risks present on site.
2. To effectively manage the risk from construction site traffic through implementing control measures.
3. To communicate the construction site traffic management procedures to all site operatives, visitors and other interested parties.
4. To raise awareness of the risks identified and controls in place.
5. To eliminate traffic-related accidents on site.

This document aims to provide a suitable site-specific plan for managing the risks of construction site traffic. The business has a duty to ensure the safe management of pedestrian and vehicle movements on site.

Responsibilities

The general duties of the contractor in respect of traffic management are:

- Ensuring adequate planning of the work including traffic management arrangements on site
- Ensuring subcontractors make adequate provision for the selection and supervision of drivers and vehicle safety
- Setting standards for driver competence, vehicle safety and maintenance, and ensuring control of authorised drivers
- Ensuring co-ordination and co-operation between different subcontractors
- Co-ordinating the views of workforce representatives
- Ensuring all workers receive information, instruction and training in traffic management arrangements and site rules
- Monitoring the implementation of traffic management arrangements on site
- Reviewing the implementation of traffic management arrangements on site

The Site Manager

The site manager shall:

- Ensure measures such as the use of pedestrian barriers, stop blocks, one way systems where possible, segregation of routes, signage, etc are implemented as required within the construction site following this document.
- Ensure a suitable briefing on traffic management requirements is included in the site induction for new starters and communicated in the form of a toolbox talk to existing workers following the arrangements in this document.
- Ensure suitable steps are taken to coordinate traffic movements in the construction area by involving subcontractor supervisors in regular reviews of planned work activities, including deliveries, every week as per the arrangements in this document.

- Ensure suitable steps are taken to coordinate traffic movements of adjacent sites, client occupied areas or other access requirements, in regular reviews of planned activities, per the arrangements in this document.
- Investigate, take appropriate action and respond to reports from workers on deficiencies and faults in the implementation of the traffic management arrangements as per this document.
- The Site Manager may delegate particular elements of the requirements of the traffic management plan to other competent members of the site management team as required to ensure the requirements are met effectively and efficiently.

Staff and Subcontractors

Subcontractors using construction vehicles shall ensure that the work involving the use of construction vehicles is planned and detailed in method statements and risk assessments taking account of the requirements of this document.

Workers in the construction area shall adhere to the site rules and the instruction provided through the site induction and/or toolbox talk for traffic management arrangements.

Workers shall report any deficiencies or faults in the arrangements for traffic management to the Site Manager using the site near-miss reporting system.

Traffic Management Risk Register

Risk	Controls
Pedestrians and vehicles interface Pedestrians struck by vehicles	Separate vehicle and pedestrian access routes to be established. Pedestrians to wear high visibility clothing (jacket or vest minimum) at all times on site. Audible and visual alarms to be in working order on vehicles. Signage to be displayed on site directing vehicles and pedestrians. Speed limit to be established and enforced.
Deliveries Collision/ conflict with other work activities	Clear instructions to be given for delivery drivers when placing orders / arranging deliveries. Site Manager contact details to be displayed at main site entrance for contact on arrival. All delivery vehicles to be directed to site office on arrival and banksman notified where access onto site required.
Access equipment Struck by vehicles	Access equipment positioned in areas at risk from being struck by vehicles, including other mobile access equipment, to be segregated from vehicle routes with barriers. Mobile access equipment to be accompanied by a banksman on site roads when moving around site.
Excavations Vehicles entering or overturning	Vehicles routes to be planned away from excavations as far as possible. Vehicles and plant to be kept a safe distance from excavations. Excavations adjacent to and within 1m of vehicle routes where there is a risk of driving directly into the excavation to be provided with pedestrian barriers and stop blocks (minimum 200mm high) along entire length of excavation. Excavation parallel to and within 1m of vehicle routes where there is a risk of driving indirectly into the excavation to be provided with barriers along excavation.
Excavations by walkways Falls from height	Excavations to be provided with solid pedestrian barriers/fences a minimum of 300mm from edge of excavation. Barriers are to be distinctively marked with warning signs.
Reversing/ manoeuvring Collision with pedestrians/ structures	All reversing and/or turning vehicles (delivery vehicles and construction plant) to be accompanied by banksman.

Risk	Controls
Poor maintenance of vehicles Failure of built-in controls	All plant to be maintained and examined in accordance with manufacturer's instructions. Where plant is obtained on hire obtain copies of certificates from the hire company. All construction vehicles to be provided with suitable audible and visual indications of movement. Controls, lights and warning systems to be checked before first use each shift.
Lack of competence Human error due to lack of awareness	Confirm the competence of drivers for the particular vehicles to be used. Instruction given through inductions, on site safety briefings, signage and regular tool box talks. A banksman will be used if the driver's vision is restricted or when operating in a congested area. The carrying of passengers is prohibited.
Congestion Collision/excessive manouvering	Schedule of planned deliveries to be maintained and deliveries planned in advance to avoid conflict with other site operations or adjacent land uses.
Unauthorised use Misuse of plant	The ignition key will be removed whenever machine is left unattended and if left on site overnight all plant will be immobilised.
Noise Hearing damage	Figures for noise levels will be obtained from the hire company and where these are above 80dB(A) ear protectors will be worn.
Vibration Whole-body vibration syndrome	Plant should be fitted with 'suspension' seats to reduce effects of whole body vibration. Drivers do not drive plant for prolonged periods to minimise risk of whole body vibration.

Procedures

Deliveries

Deliveries will be timed to avoid the busiest rush hour periods whenever practicable. Consideration will be given to adjacent land uses and any shared access requirements and planned deliveries communicated and coordinated with any persons directly affected.

Mitigation measures will be taken to ensure that any impacts from deliveries are minimised.

On-Site/Off-Site Interface

Wheel wash facilities will be provided when necessary to minimise the spread of material from the site and the risk of road contamination. In addition, the site roads will be regularly cleaned.

These steps will ensure that material will not be transferred to the public highway. Dust suppression measures will be implemented on the site to minimise the risk of dust spread.

Pedestrians

Traffic routes will be established to minimise the interface between vehicles and pedestrians. The site entrance will be separate for vehicles and pedestrians where possible, or where this is not possible and pedestrian and vehicle access cannot be adequately segregated, priority will be given to pedestrians and a banksman will coordinate all vehicle entry and egress from the site.

Pedestrian barriers will be erected at the site access to control the interface between members of the public and site traffic.

A crossing point for pedestrians over the site access will be established and demarcated and signed. The site manager will ensure that the pedestrian and vehicle interface is safely controlled.

Control of Construction Vehicles

Vehicular access routes will be established on the site, and as far as reasonably practicable these will be away from pedestrian routes, uneven ground, excavations and structures. A one-way system will be implemented where possible to avoid the need to turn or reverse on site.

All turning or reversing will be accompanied by a competent banksman.

Records shall be kept on the site for all construction vehicles accessing the site, and shall include the following:

1. Make, model and serial number
2. Records of inspection of work equipment including a written weekly check of the

operation of the equipment confirming the adequacy of safety devices such as emergency stops, audible and visual alarms, controls, guards etc.

3. Records of examination of lifting equipment including dates of last and next examination.
4. Plant operators certification and training records.
5. A register of authorised users of each designated piece of construction plant.

Subcontractors shall also make the above information available on site and will be stored at the site office.

Unused construction plant is stored away from work areas and designated traffic routes in agreement with the site manager and the construction plant will be promptly removed from the site on completion of use.

All requirements for any additional plant will be discussed with the site manager in advance, before delivery to the site.

Communication of Information

The traffic management will form part of the site induction, and a toolbox talk will be delivered within the early stages of the project as a further reminder of the hazard of construction site traffic and the site-specific controls in place to reduce the risks on site.

Traffic management arrangements will be discussed during daily briefings to include planned deliveries and any restrictions or changes due to developing site conditions or short term activities.

Consultation and an open-door policy will be implemented to gain worker involvement and understanding in traffic management arrangements.

Reporting

Everyone on site must contribute to site safety, and will be requested to report any near misses or dangerous situations, including that involving traffic management on site.

The near-miss reporting system will be used to assess any deficiencies in the traffic management arrangements, and remedial action will be taken as necessary.

Subcontractors

All subcontractors will be inducted and provided with information on the traffic management procedures in place.

All subcontractors will be required to submit details of planned deliveries and to comply with the contents of this traffic management plan. Sub-contractor deliveries must be arranged via the Site Manager and coordinated with other planned deliveries.

Monitoring

Traffic management will be assessed and monitored ongoing throughout the project with any changes made to the plan as necessary to ensure safe access, egress and movement around the site.

A record of all deliveries will be held at the site office. Delivery notes for all deliveries will be held on the site (these will include the points of origin of the material).

The above information will be used to produce a monthly report this will identify any improvements required to the plan in addition to any deviations from that proposed.

Delivery Schedule

The following page contains the schedule of planned deliveries the site.

Type	Materials Description	Use
Welfare	Cabin Toilet Storage Containers Generator	Welfare facilities, power to welfare facilities and storage requirements at site compound.
Fuel	Diesel – 10 loads	Refuelling site plant
Large Plant	Dump Truck Excavator	Ground works
Concrete	Ready mixed concrete	General construction use
Waste Removal	General Waste Removal	General site waste
Building Materials	General Building Materials	Building works

Form - Construction Traffic Management Plan